

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10522320	
	Filing Date		2005-01-24	
	First Named Inventor	John L. Schenk		
	Art Unit	1657		
	Examiner Name	Tiffany M. Gough		
Attorney Docket Number		XY-Optimum-USNP		

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	4	Brogliatti, G. et al., Pregnancy Rates and First Born Calves by Artificial Insemination using Sexed Semen in Argentina; Therio. January 2, 2002, Vol.57, No.1 . Pg 369	<input type="checkbox"/>
	5	Paiva, G. et al., Sperm Physiology: The Ability to Produce Embryos In Vitro using Semen from Bulls with a Low Non-Return Rate. Therio. Pg. 308	<input type="checkbox"/>
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	7	ABSTRACTS: American Dairy Science Assoc., American Society of Animal Science, June 22-26, 2003 Phoenix AZ. J Anim Sci. Vol 81 Suppl.1/J. Dairy Sci. Vol. 86, Suppl. 1	<input type="checkbox"/>
	8	Garner, Duane L., et al, Effect of Semen Dilution on Bovine Sperm Viability as Determined by Dual-DNA Staining and Flow Cytometry J. of Andrology, Vol. 18, No. 3 May/June 1997.	<input type="checkbox"/>

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9	Lindsey, A. L., et al., Hysteroscopic or rectally guided, deep-uterine insemination of mares with spermatozoa stored 18 h at either 5 °C or 15 °C prior to flow-cytometric sorting, <i>Animal Reproduction Science</i> , Volume 85, Issues 1-2, January 2005, Pages 125-130	<input type="checkbox"/>
10	Schenk, J. L., et al., Pregnancy rates in heifers and cows with cryopreserved sexed sperm: Effects of sperm numbers per inseminate, sorting pressure, and sperm storage before sorting, <i>Theriogenology</i> (2008), doi:10.1016/j.theriogenology.2008.08.016	<input type="checkbox"/>
11	Suh, T.K., et al., High pressure flow cytometric sorting damages sperm, <i>Theriogenology</i> 64 (2005) 1035-1048	<input type="checkbox"/>
12	Upreti, G. C., et al., Studies on aromatic amino acid oxidase activity in ram spermatozoa: role of pyruvate as an antioxidant, <i>Animal Reproduction Science</i> 51 (1998) 275-287	<input type="checkbox"/>
13	Schafer, D. J., et al., Comparison of progestin-based protocols to synchronize estrus and ovulation before fixed-time artificial insemination in postpartum beef cows, <i>Journal of Animal Science</i> 03/30/2007, Pages 1-21	<input type="checkbox"/>
14	Lamb, G. C., Synchronization of estrus and artificial insemination in replacement beef heifers using gonadotropin-releasing hormone, prostaglandin F2a and progesterone, <i>Journal of Animal Science</i> 11/01/2006, Vol. 84, Pages 3000-3009	<input type="checkbox"/>
15	Saladarniaga, J. P., Ovarian, hormonal, and reproductive events associated with synchronization of ovulation and timed appointment breeding in Bos indicus-influenced cattle using intravaginal progesterone, gonadotropin-releasing hormone, and prostaglandin F2a, <i>Journal of Animal Science</i> January 2007, Vol. 85, Pages 151-162	<input type="checkbox"/>
16	O'Brien, J. K. et al., Semen collection, characterization and preservation in a beluga (<i>Delphinapterus leucas</i>), 1st International workshop on Beluga whale research, husbandry and management in wild and captive environments March 2007	<input type="checkbox"/>
17	O'Brien, J. K. et al., Development of sperm sexing and associated assisted reproductive technology for sex preselection of captive bottlenose dolphins (<i>Tursiops truncatus</i>), <i>Reproduction, Fertility and Development</i> 2008, 18, 319-329	<input type="checkbox"/>
18	Parallel Australian application Number 2003259205, Office action dated August 26, 2008	<input type="checkbox"/>
19	Parallel Chinese application number 03817484.7, Office action dated July 11, 2008	<input type="checkbox"/>

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20	Parallel European application number 03765919.0, Office action dated September 25, 2008	<input type="checkbox"/>
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